

Rat Calmodulin ELISA Kit | Calm1 elisa kit

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CATALOG #
AAA195012

REACTIVITY
Rat

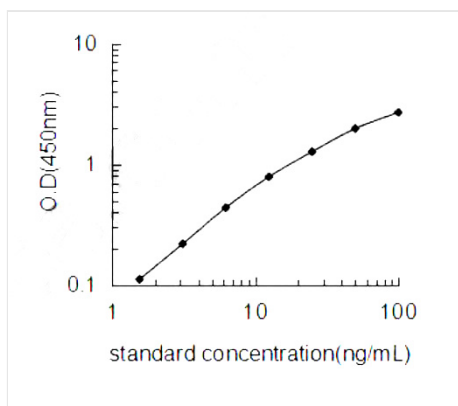
PRODUCT SYNONYMS

Calmodulin; Rat Calmodulin ELISA Kit; CaM; Calm1; Calm; Cam; Cam1; Calm1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Calmodulin-1
Sequence Length	149
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	1.56 ng/mL - 100 ng/mL
Sensitivity	< 0.78 ng/mL
Intra-assay Precision	<=4.8%
Inter-assay Precision	<=7.7%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Calm1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6978591
NCBI GeneID	24244
NCBI Accession #	NP_036650.1
NCBI GenBank Nucleotide #	NM_012518.3
UniProt Accession #	P62161; P02593; P70667; P99014; Q61379; Q61380
Molecular Weight	16,838 Da
NCBI Official Full Name	calmodulin
NCBI Official Synonym Full Names	calmodulin 3
NCBI Official Symbol	Calm3
NCBI Official Synonym Symbols	RNCAMIII
NCBI Protein Information	calmodulin
UniProt Protein Name	Calmodulin
UniProt Gene Name	Calm1
UniProt Synonym Gene Names	Calm; Cam; Cam1; CaM
UniProt Entry Name	CALM_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/calm1-rat-elisa-kits/calmodulin/195012>